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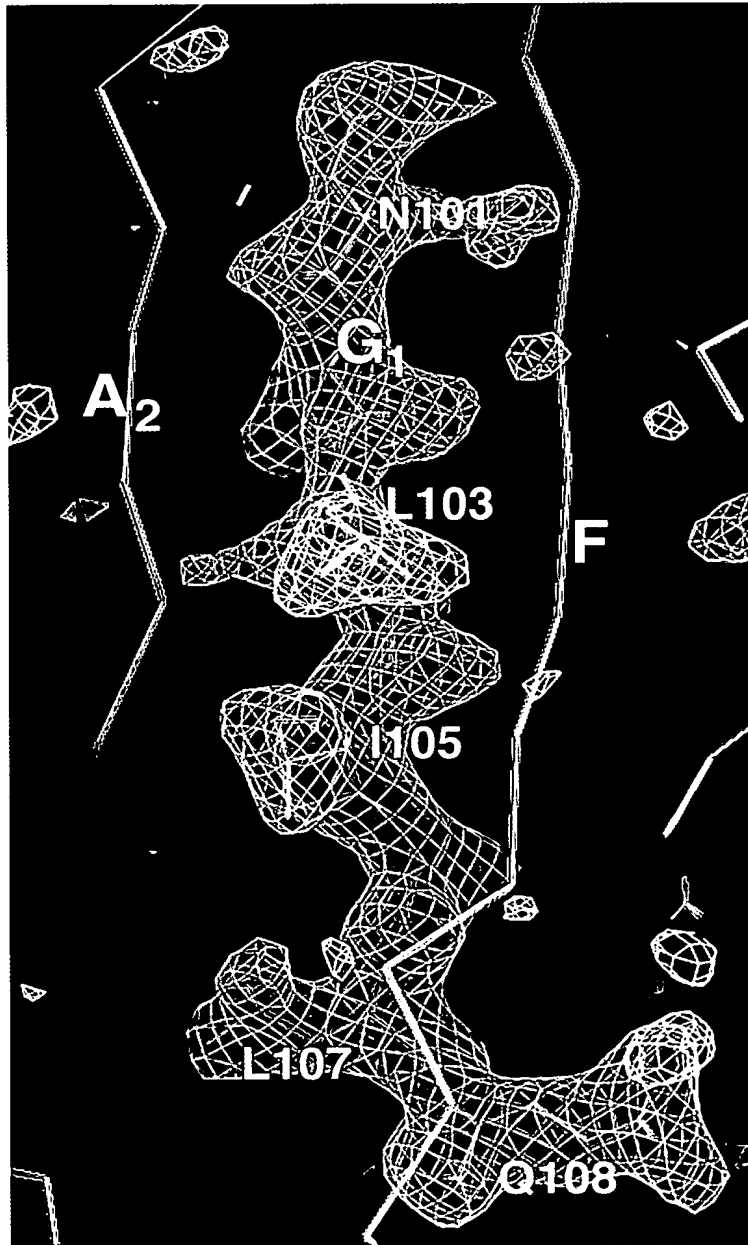
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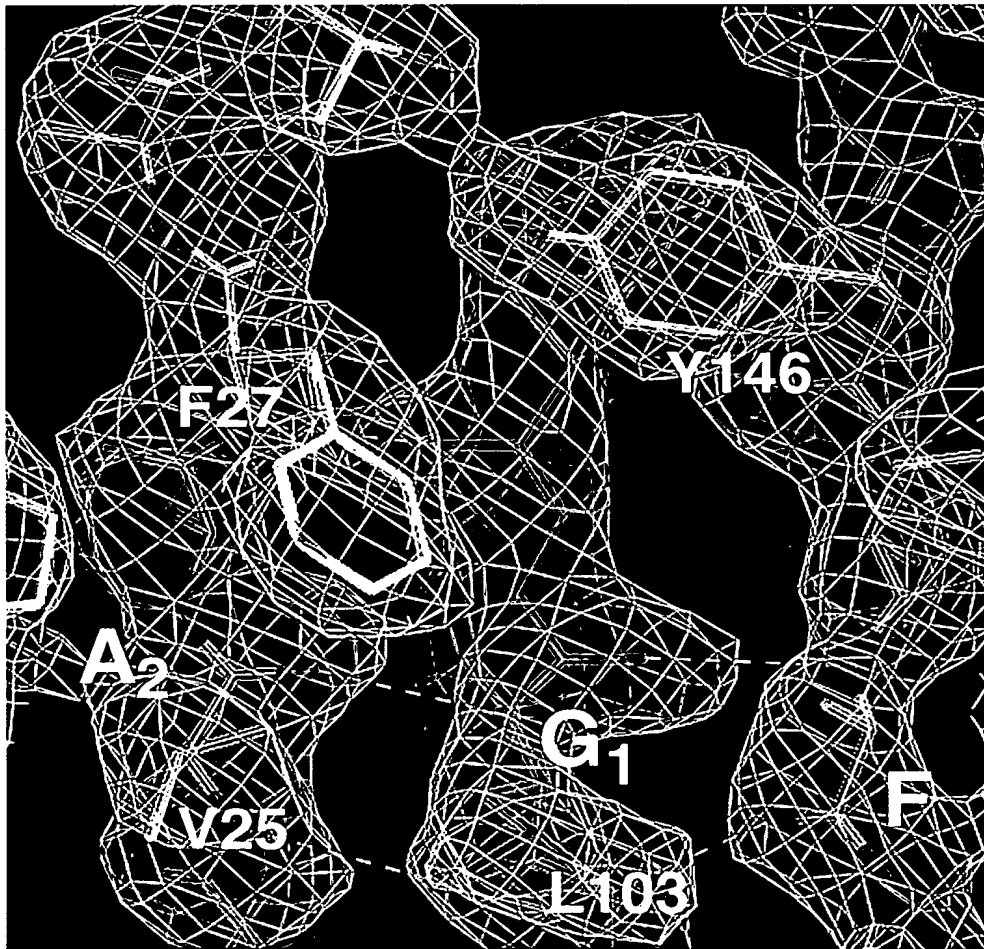
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FIG. 1A



007780" 91248960

FIG. 1C



09637216, 081100
DOTTER, STACEY

FIG. 2B

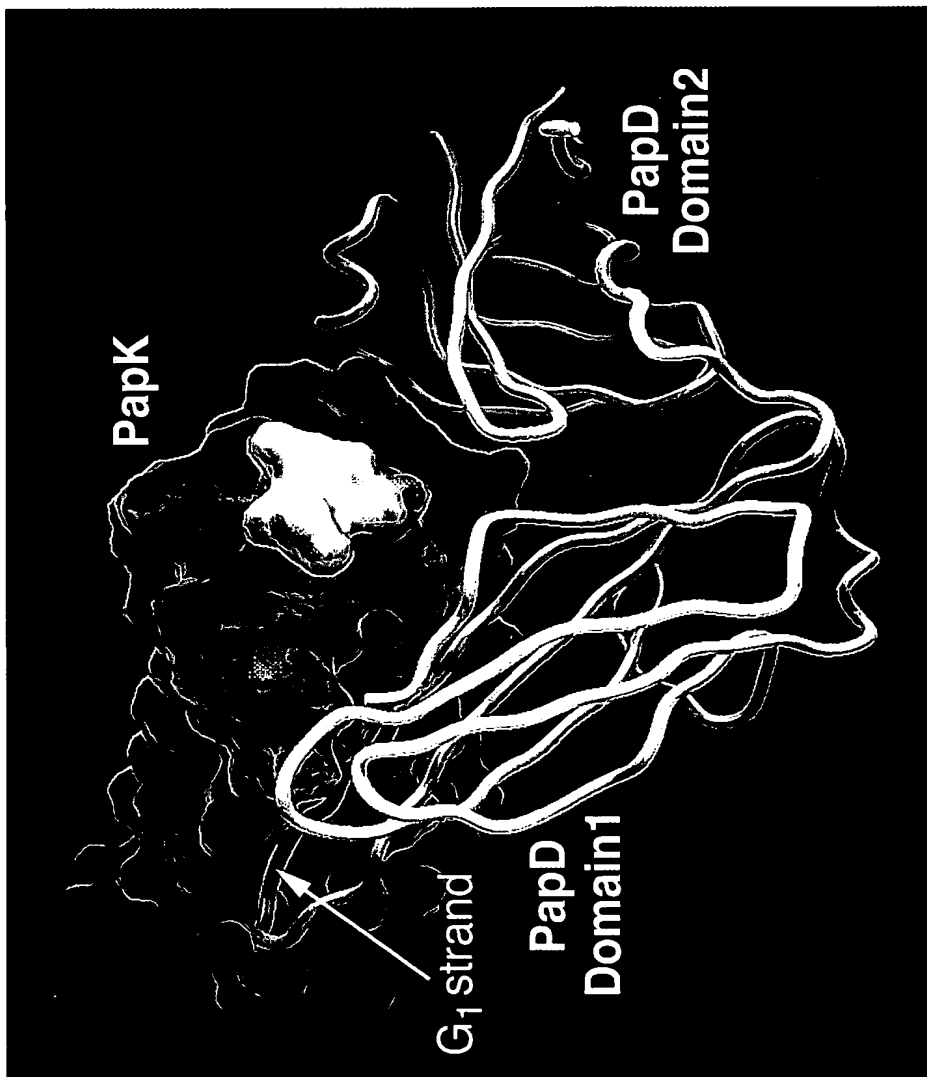


Fig. 3A

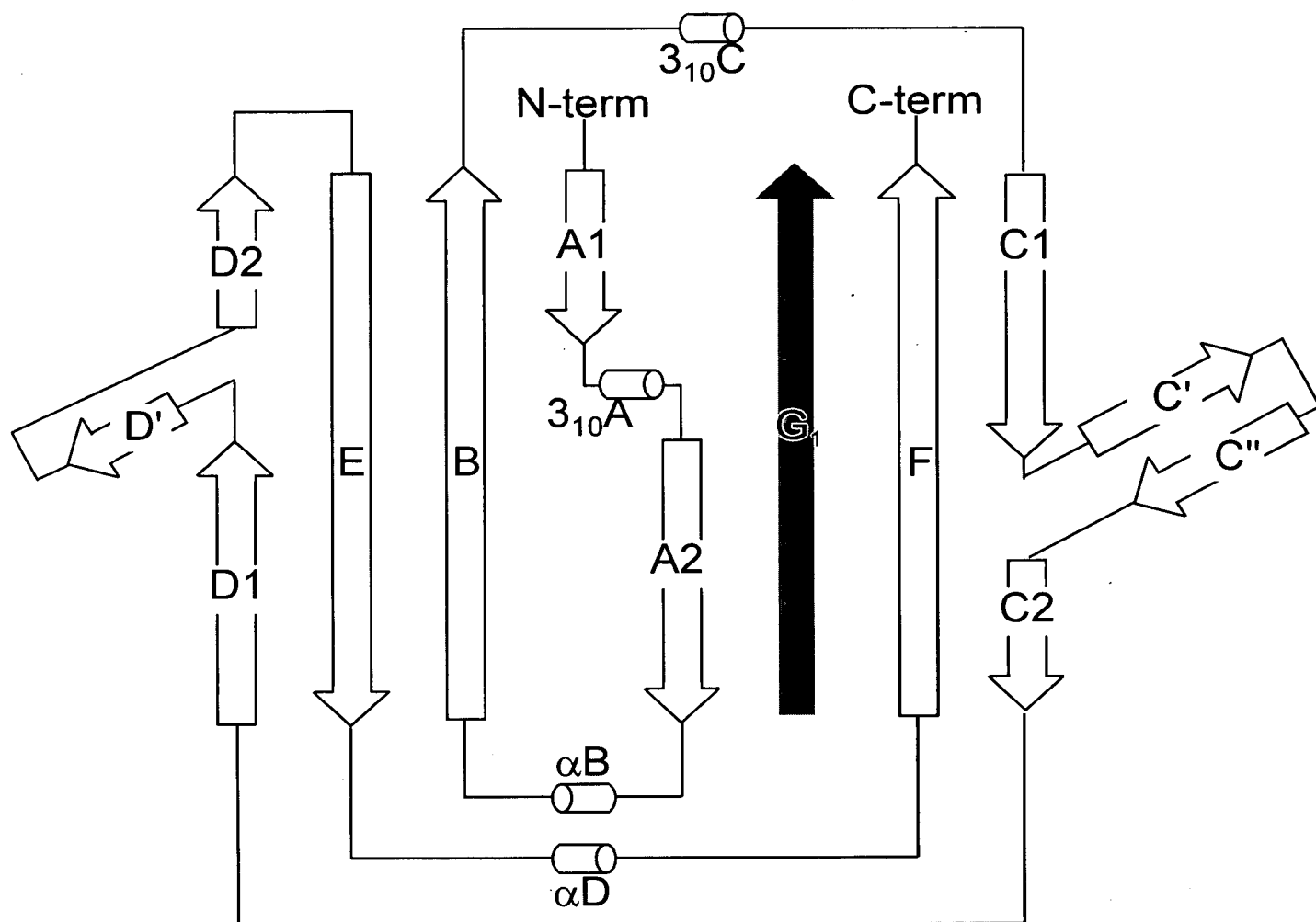
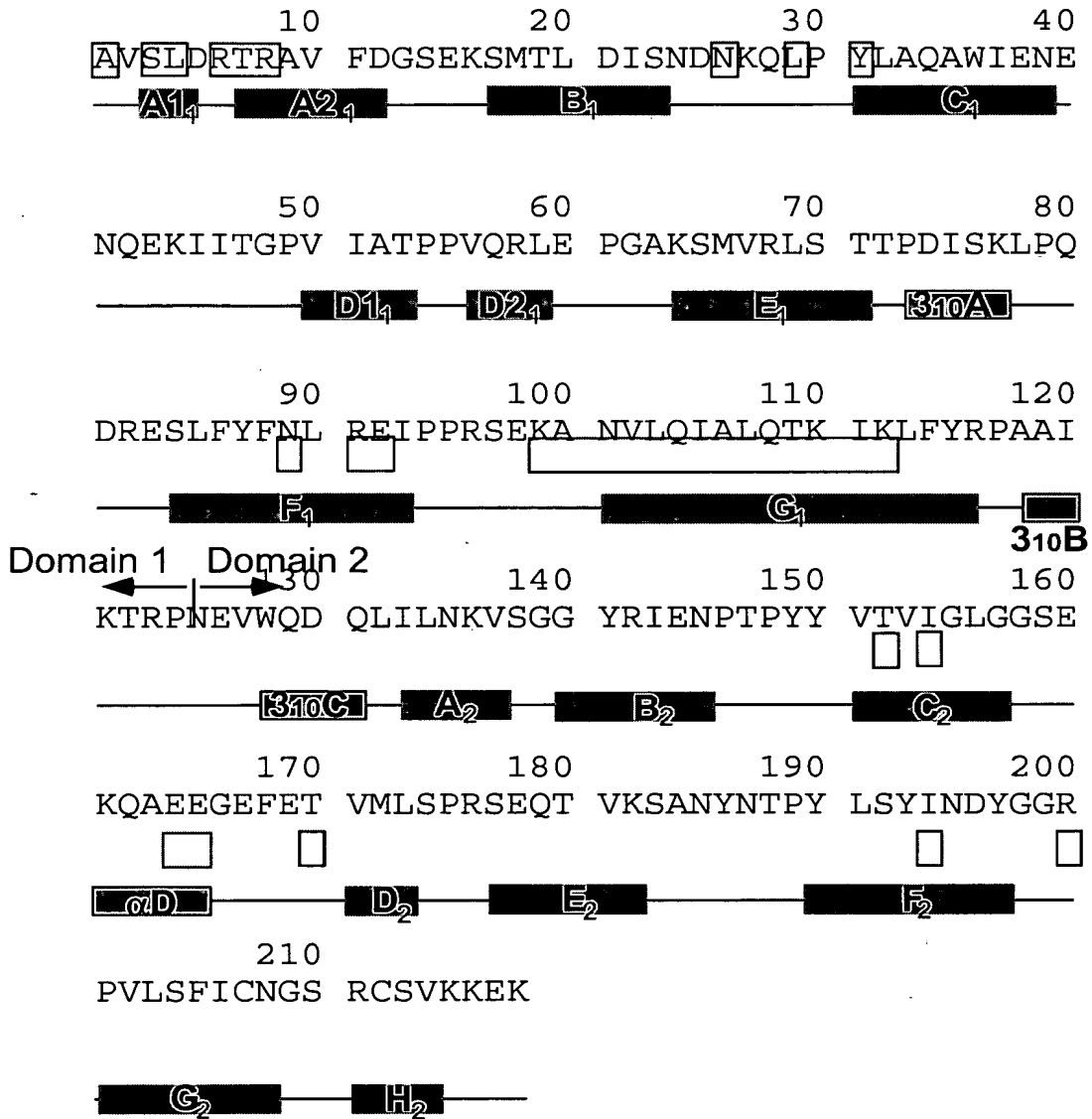


Fig. 3B

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
 A P T I P Q G Q G K V T F N G T V D A P C H V S G D S L N K H V V F K T R A S R D F W Y P P G
 D N L T F R G K L I I P A C T V S N . . . T T V D W Q D V E I Q T L S Q N . . .
 D V Q I N I R G N V Y I P P C T I N N G Q N . I V V D F G N I N P E H V D N . . .
 50 60 70 80
 R S P T E S F V I R L E N C H A T A . . . V G K I V T L T F K G T E E A A L P G H L K
 V S K P M D L D I E L V N C D I T A F K G G N G A K K G T V K L A F T G P I V N G H S D . . .
 G N H E K E F T V N M R . C P Y N L . . . G T M K V T I T A T N T Y N N A I L V Q N .
 S R G E V T K T I S I S . C P Y . . . K S G S L W I K V T G N T M G G Q N N . . .
 90 100 110 120
 V T G V N A G R L G I A L D T D G S S L L K P G T S H N K G Q G E K V T G N S
 E L D T N G G T G T A I V V Q G A G K N V V F D G S E G D A N T L K D G E
 T S N T S S D G L L V Y L Y N S N A G N I G T A I T L G T P F T P G K I T G N A D K T I S L H
 V L A T N I T H F F G I A L Y Q G K G M S T P L I L G N G S G N G Y G . . . V T A G L D T A R S T
 130 140 150
 L E L P F G A Y V V A T P E A L R T K S V V P G D Y E A T A T F E L T Y R
 N V L H Y T A V V K K S S A V G A . . A V T E G A F S A V A N F N L T Y Q
 A K L G Y K G N M Q N L I A G P F S A T A T L V A S Y S
 F T F T S V P F R N G S G I L N G G D F Q T T A S M S I Y N

Fig. 3C



09637246.08.1.00

FIG. 4

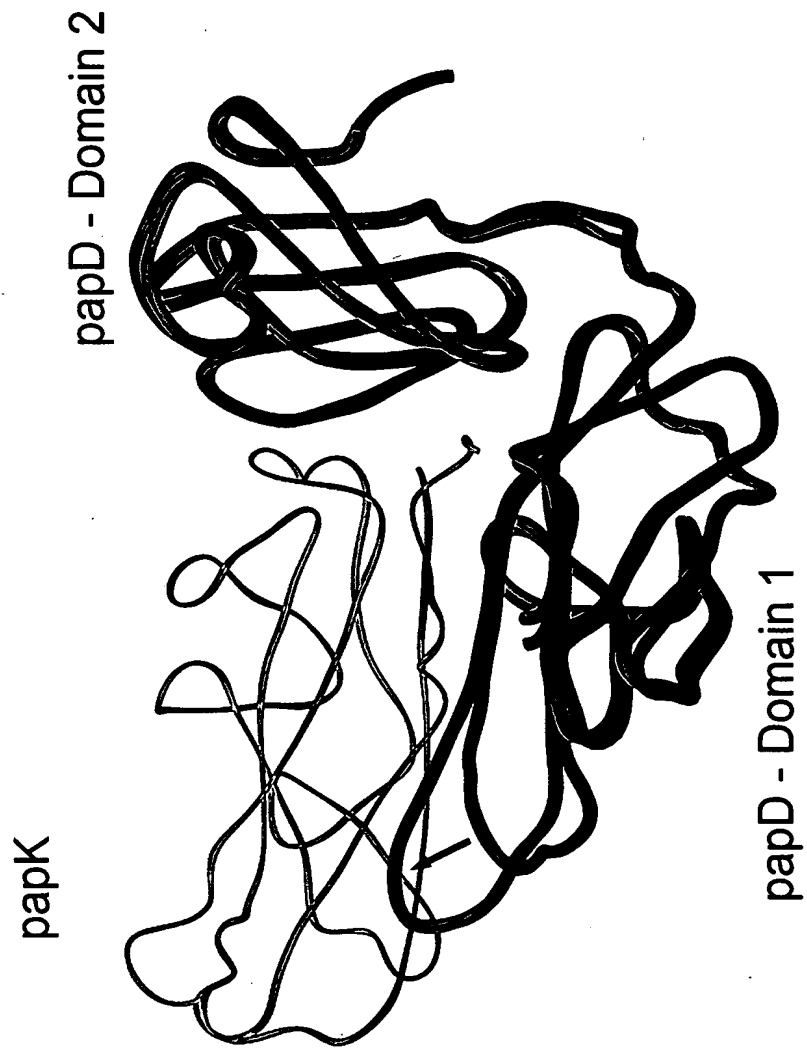


FIG. 5

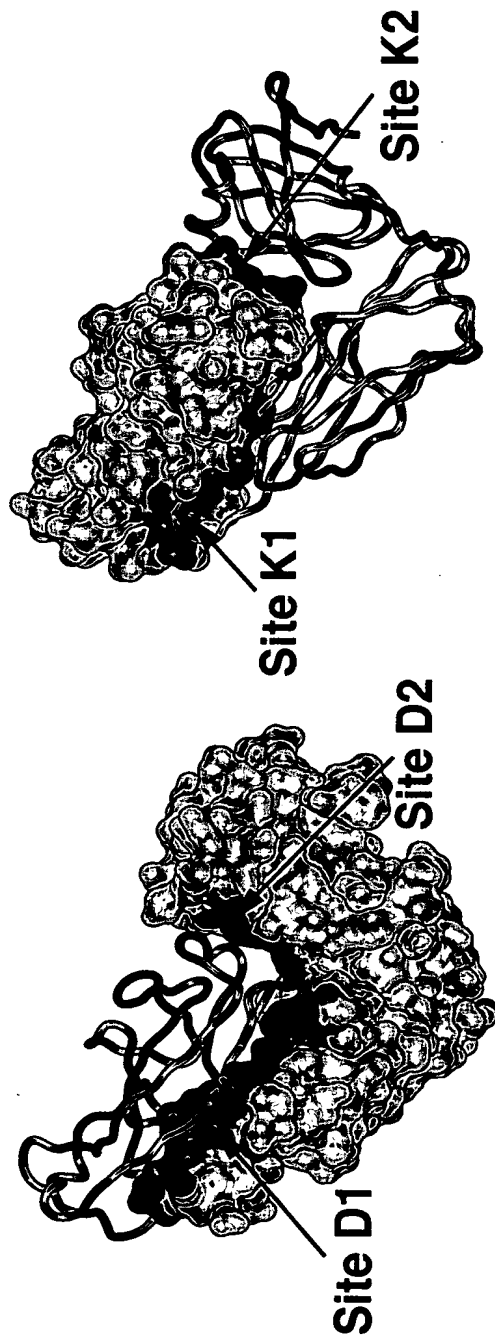


FIG. 6A

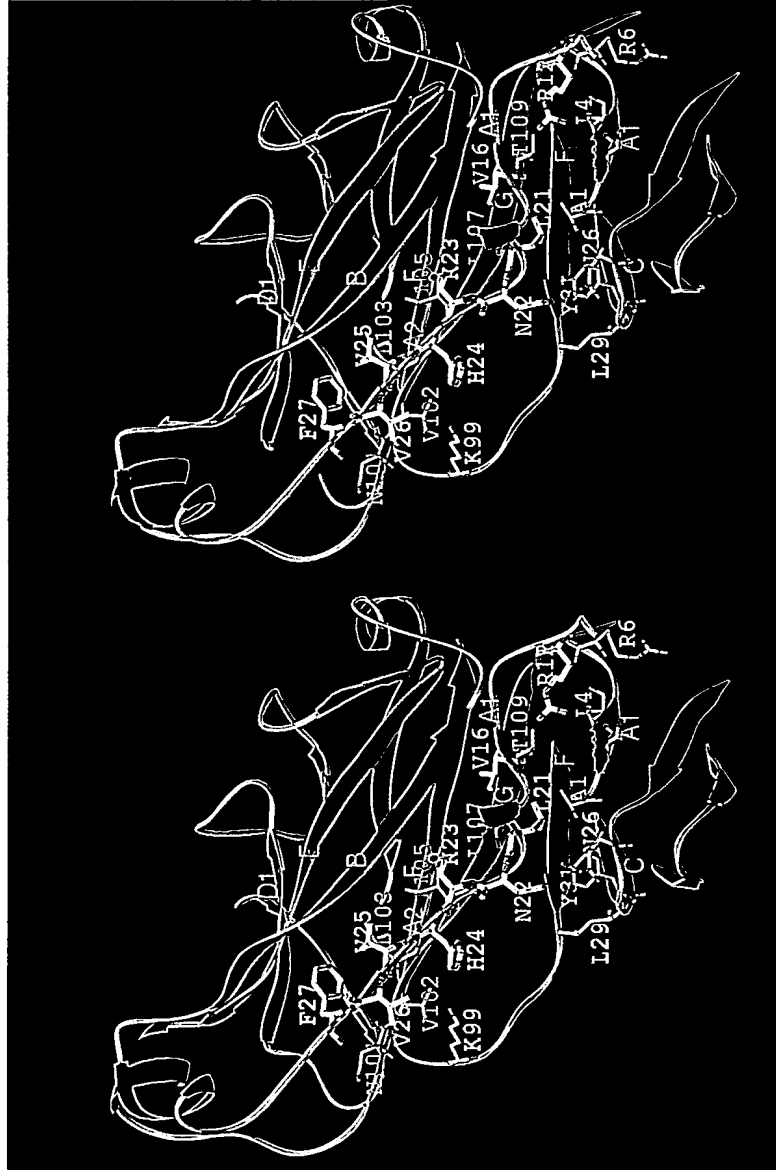


FIG. 6B



FIG. 6C

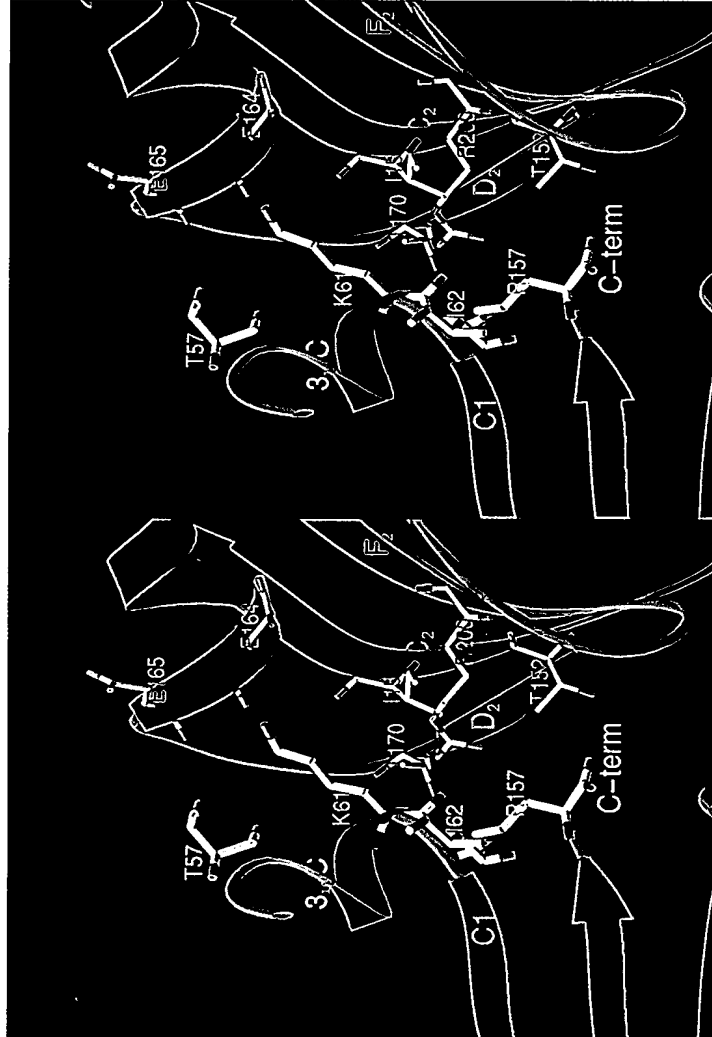


FIG. 6D

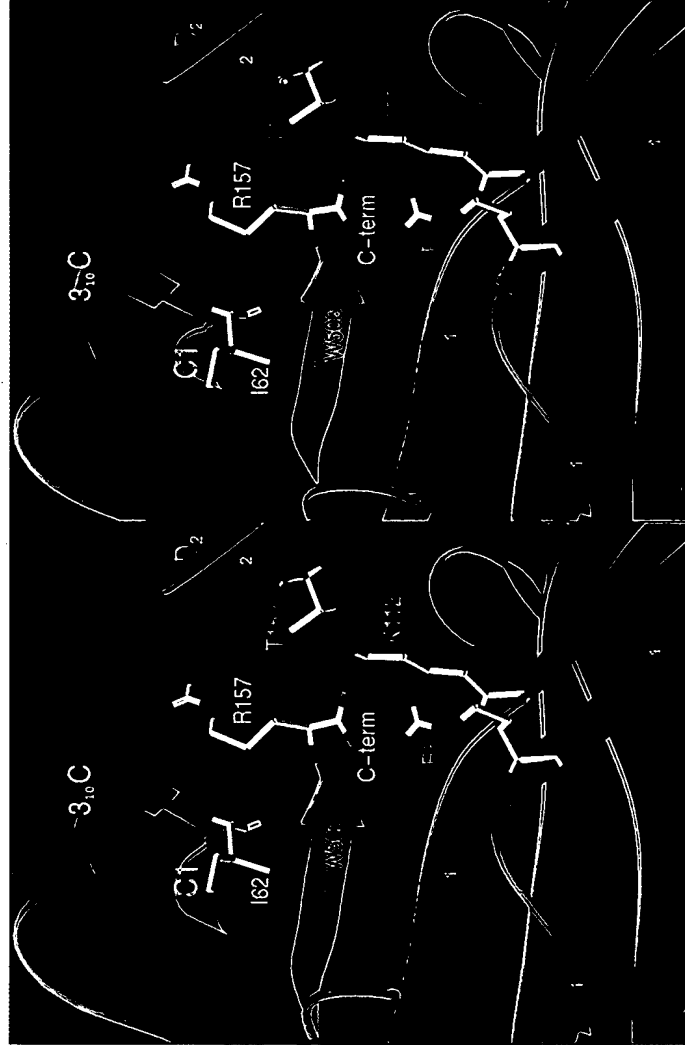
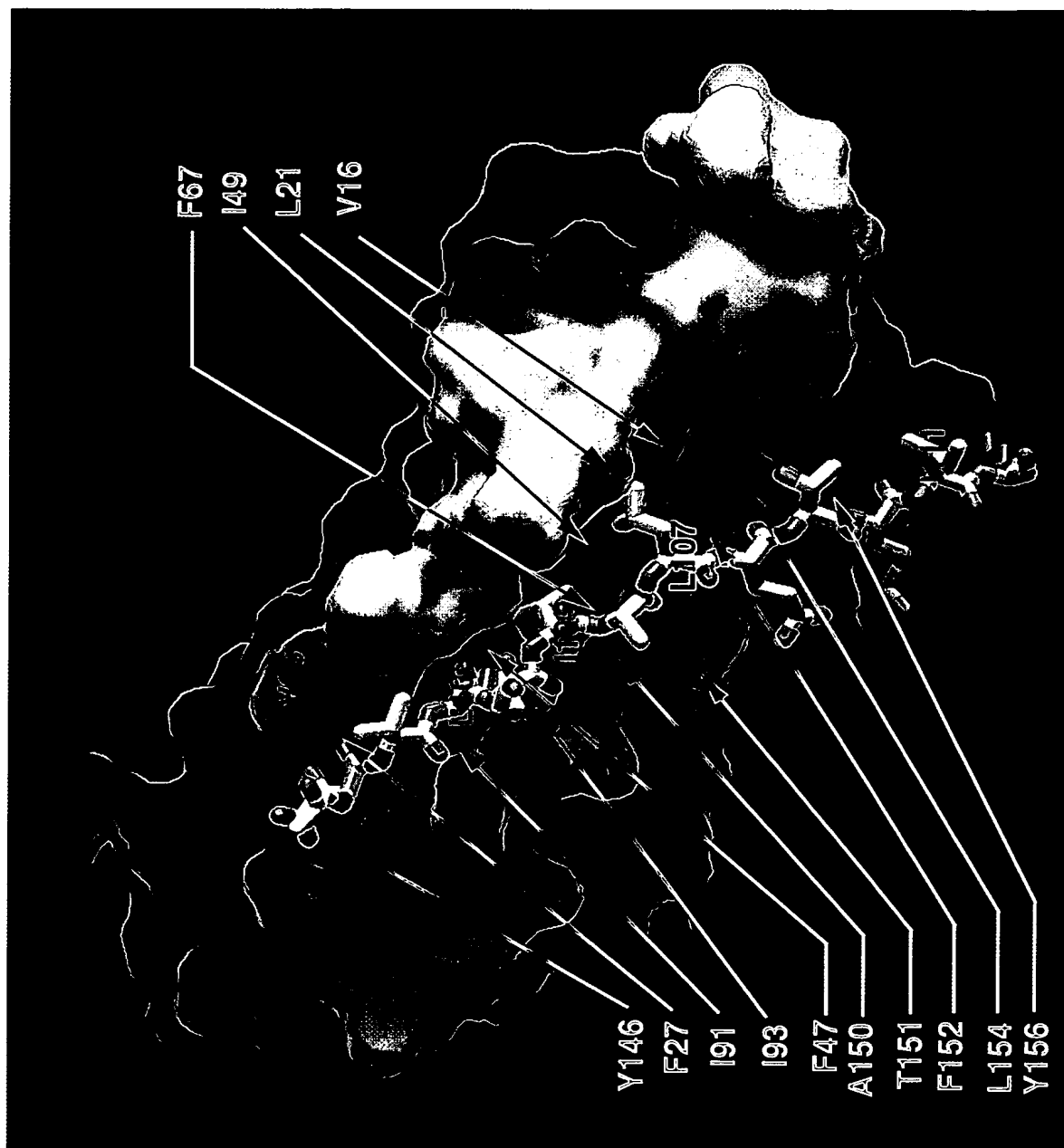
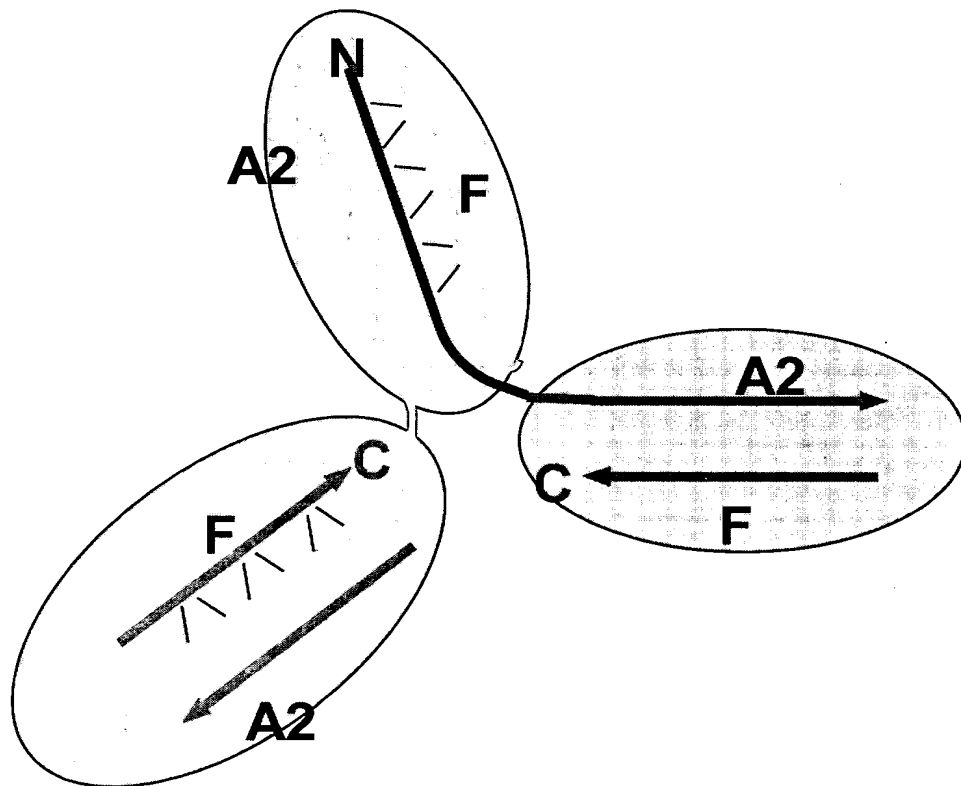


FIG. 6E



00T80" 9T2CE950

FIG. 7A



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FIG. 7B

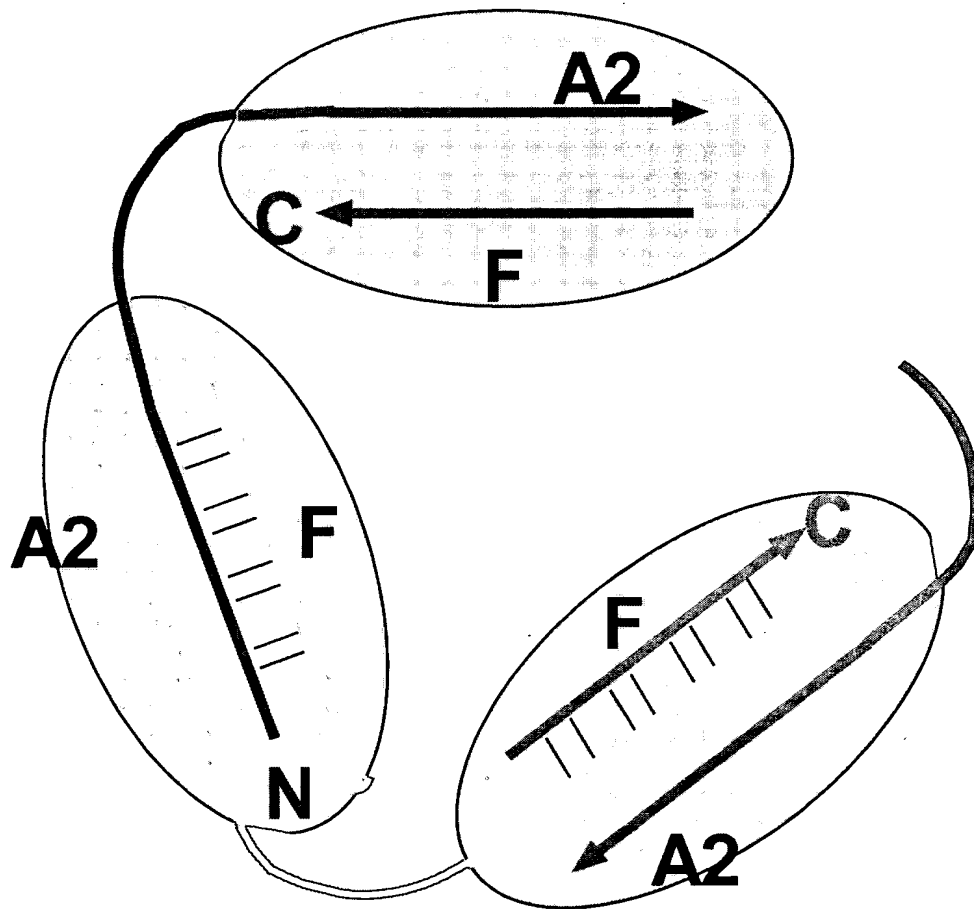


Figure 1 consists of 15 sub-graphs, labeled (a) through (o), each showing a time course of a different physiological or behavioral parameter over a 10-minute period. The x-axis for all graphs represents time in minutes, from 0 to 10. The y-axis represents the magnitude of the parameter. Each graph includes a baseline value (indicated by a horizontal line) and a response to a stimulus (indicated by a vertical line at approximately 5 minutes). Error bars represent standard error.

- (a) Heart rate (b/min): Baseline ~70, peak ~85.
- (b) Blood pressure (mmHg): Baseline ~120, peak ~135.
- (c) Blood flow (ml/min): Baseline ~100, peak ~120.
- (d) Blood flow (ml/min): Baseline ~100, peak ~120.
- (e) Blood flow (ml/min): Baseline ~100, peak ~120.
- (f) Blood flow (ml/min): Baseline ~100, peak ~120.
- (g) Blood flow (ml/min): Baseline ~100, peak ~120.
- (h) Blood flow (ml/min): Baseline ~100, peak ~120.
- (i) Blood flow (ml/min): Baseline ~100, peak ~120.
- (j) Blood flow (ml/min): Baseline ~100, peak ~120.
- (k) Blood flow (ml/min): Baseline ~100, peak ~120.
- (l) Blood flow (ml/min): Baseline ~100, peak ~120.
- (m) Blood flow (ml/min): Baseline ~100, peak ~120.
- (n) Blood flow (ml/min): Baseline ~100, peak ~120.
- (o) Blood flow (ml/min): Baseline ~100, peak ~120.

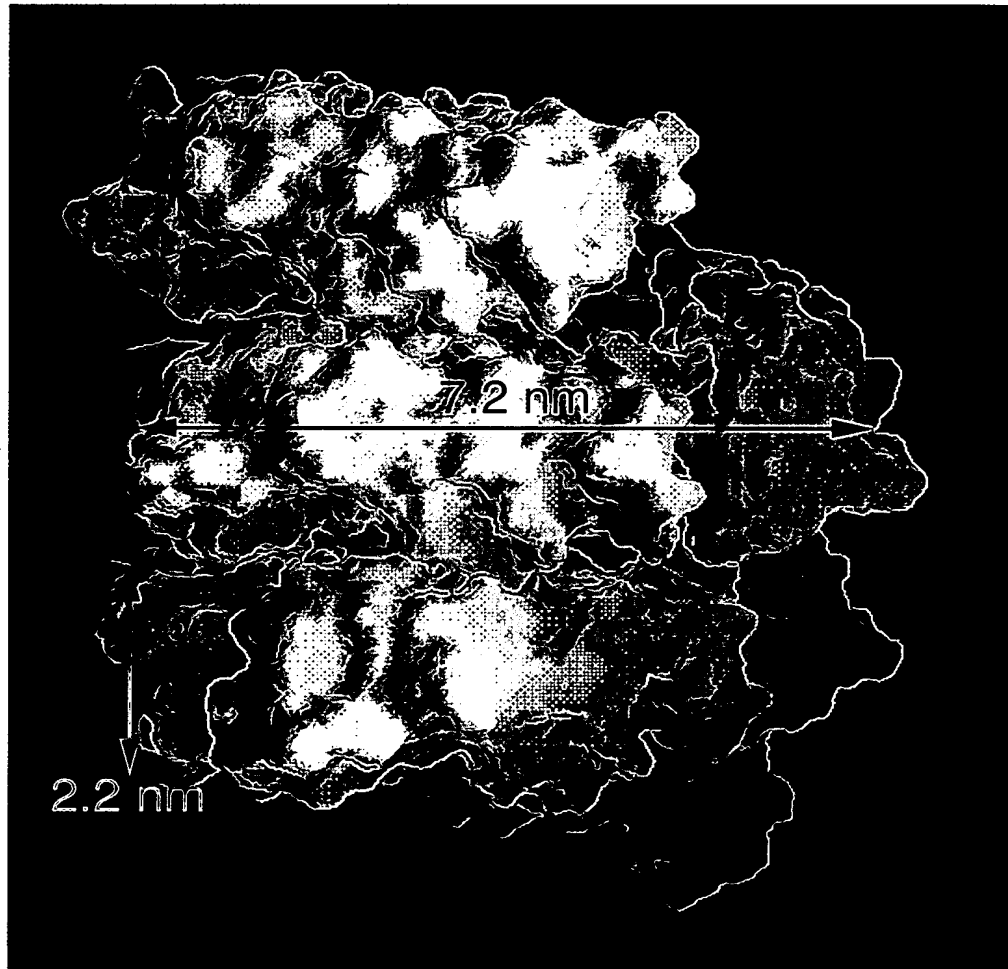


FIG. 7D



00T80" 9T2ZE960

FIG. 8A

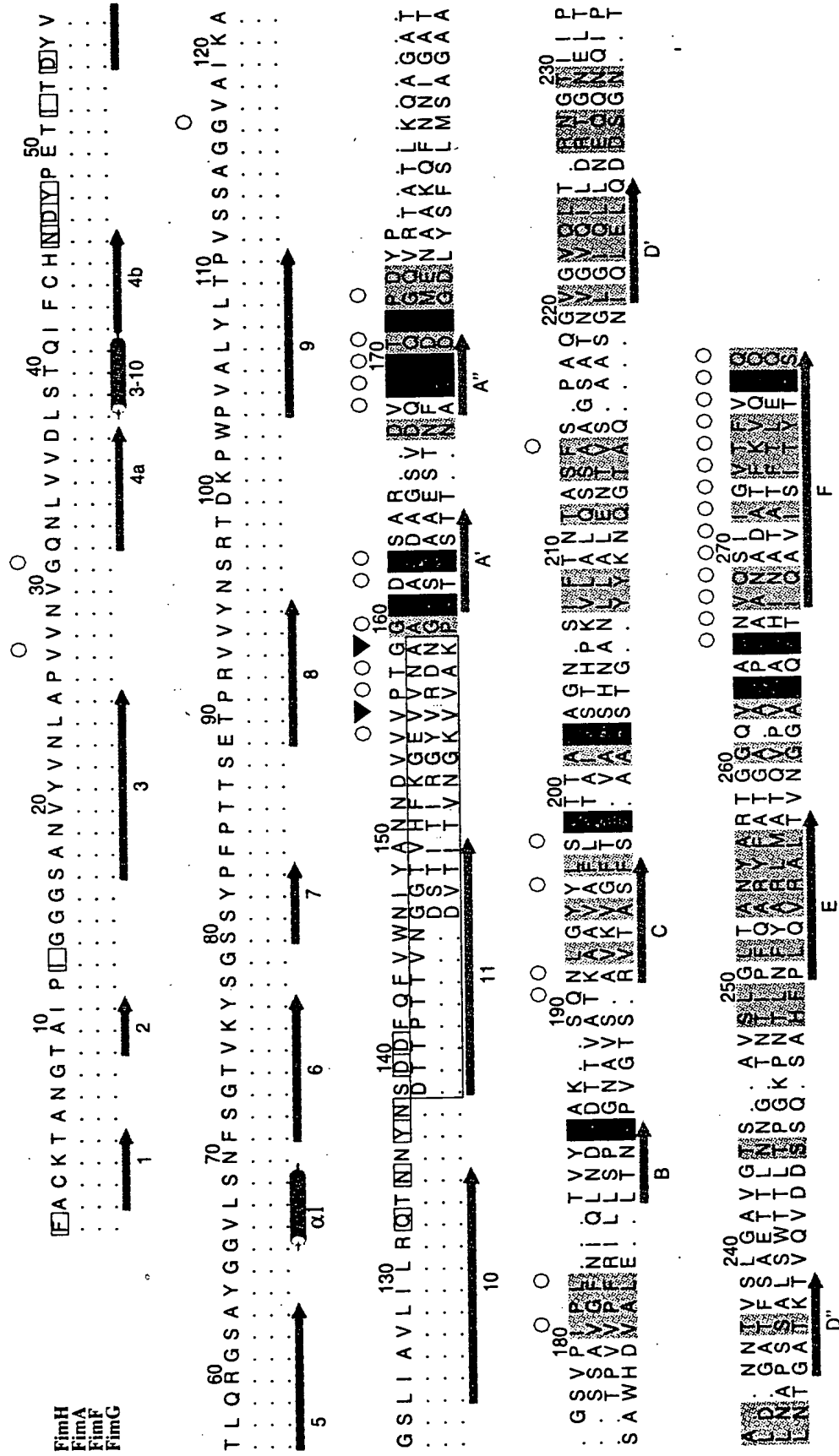
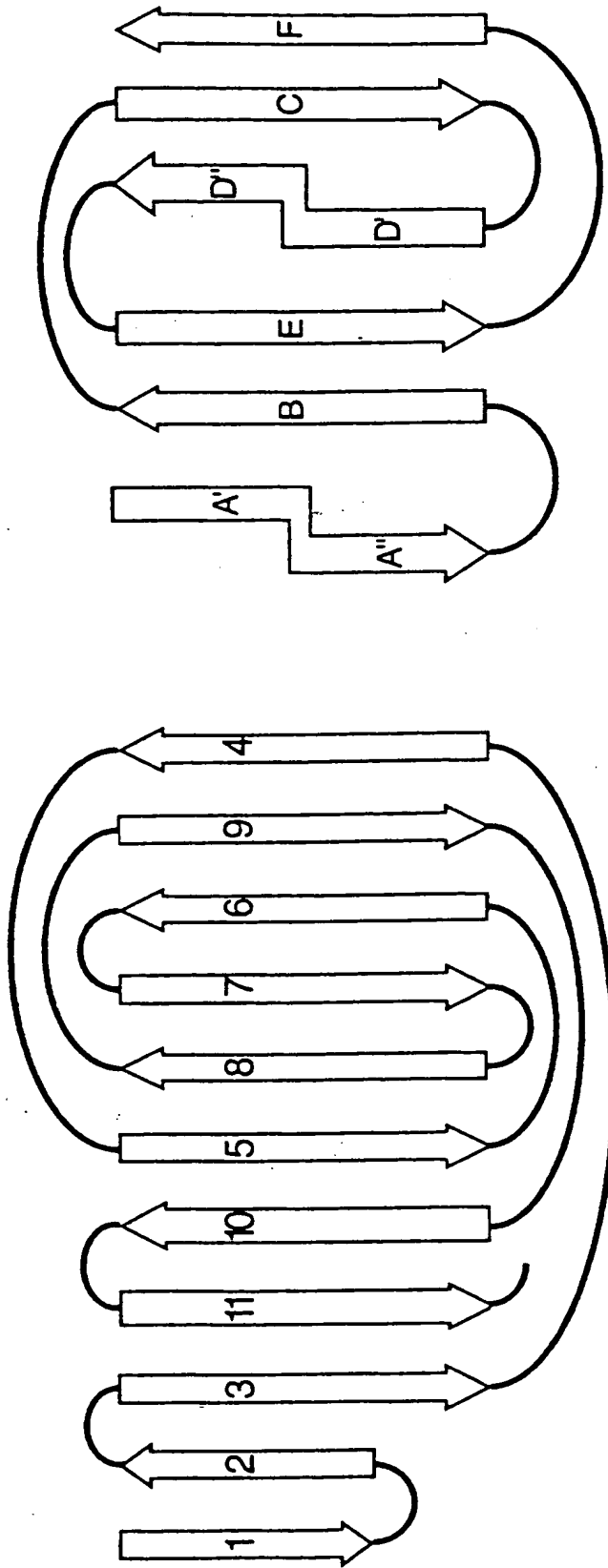


FIG. 8B



00T80" 9T24E960

FIG. 9A

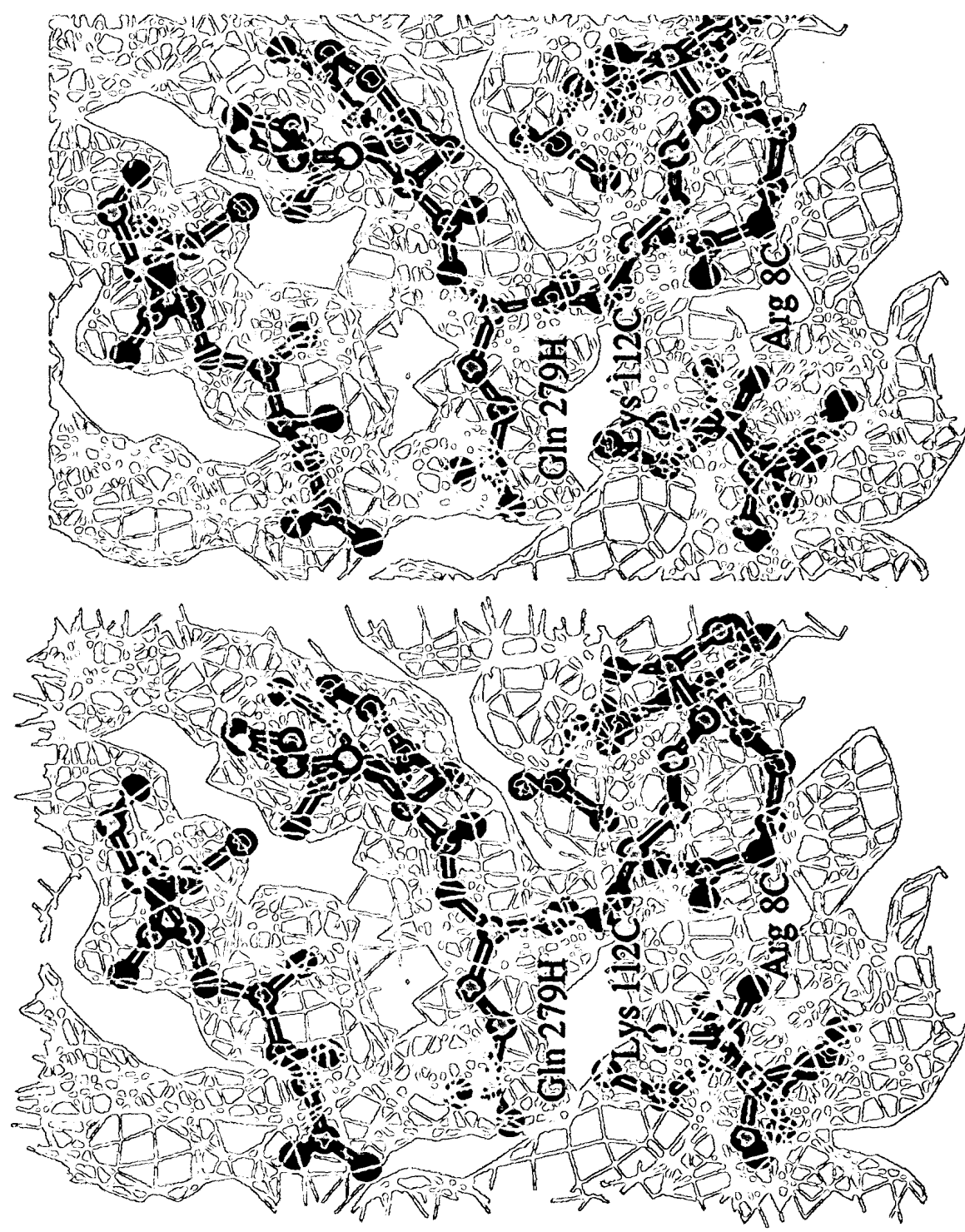


FIG. 10A

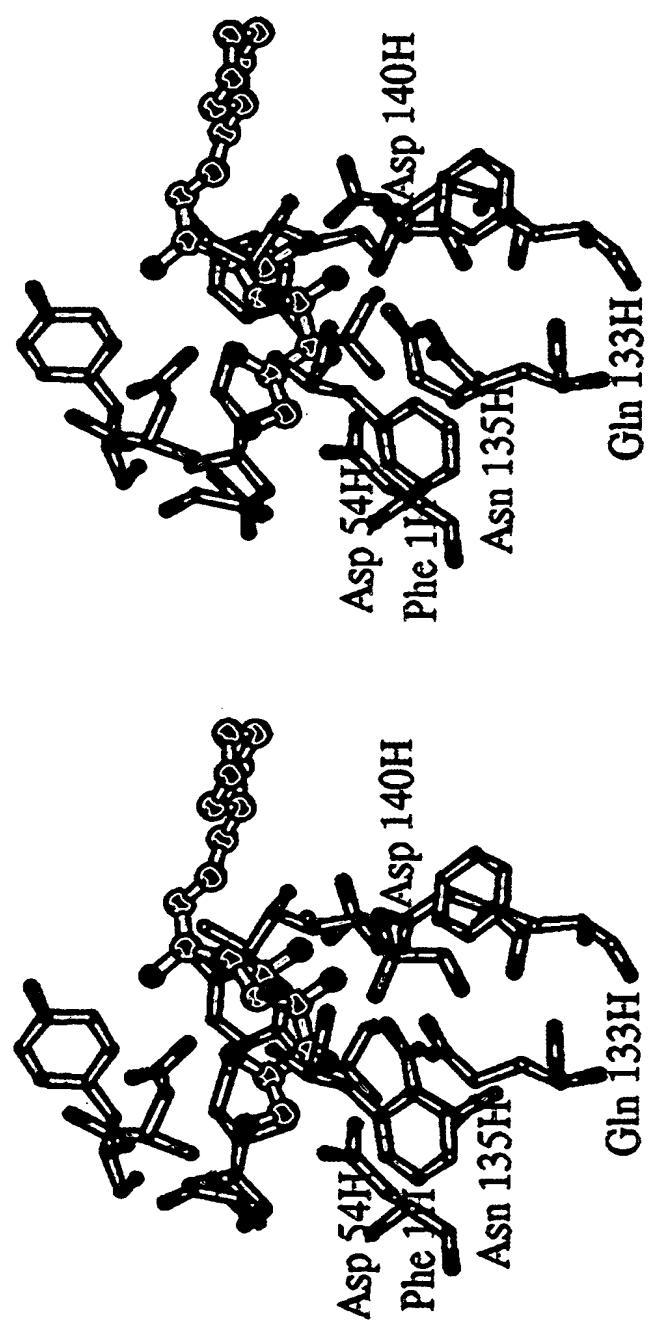
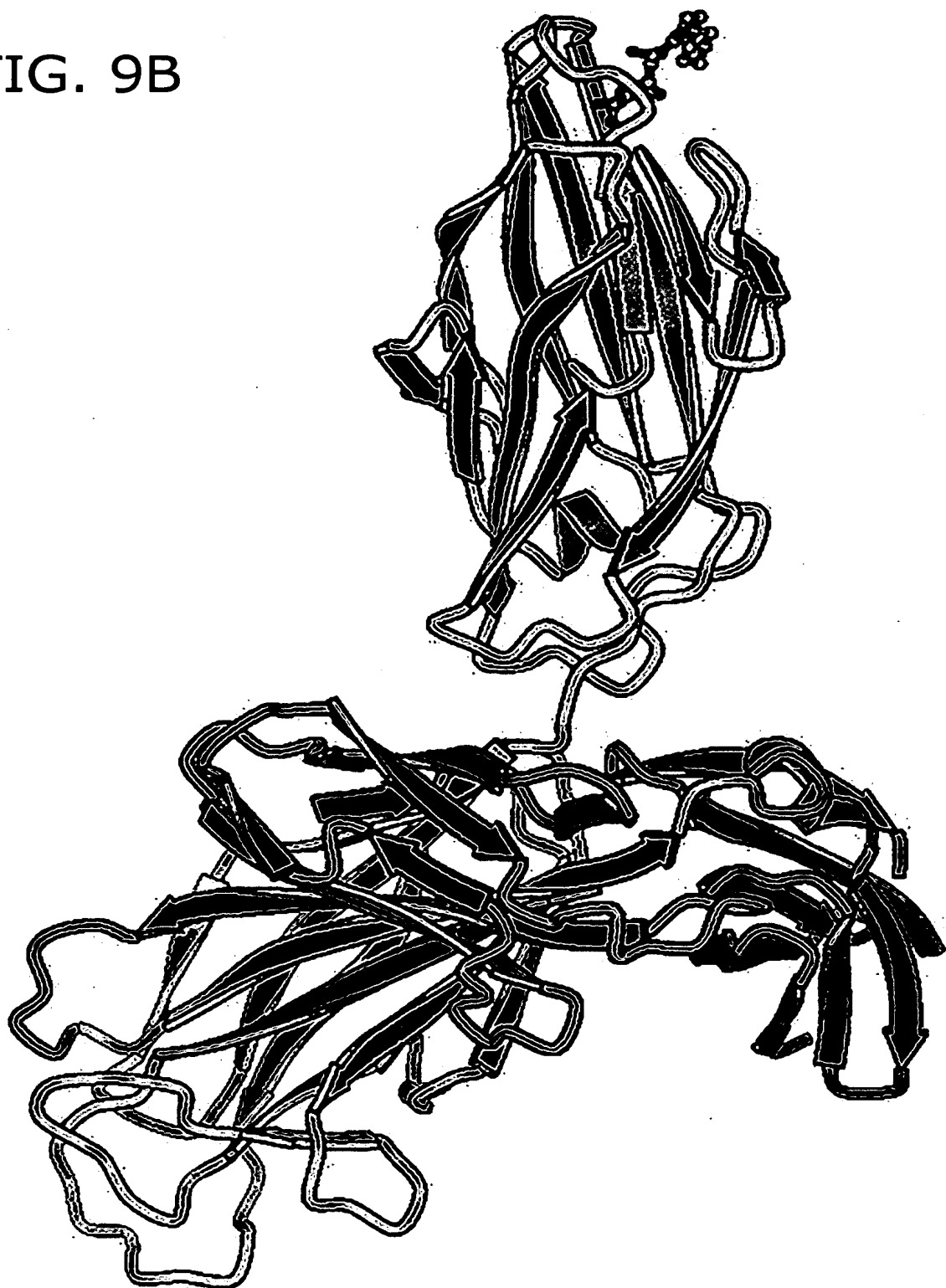


FIG. 9B



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FIG. 10B

DOTF80" 9T2ZE960

FIG. 10C

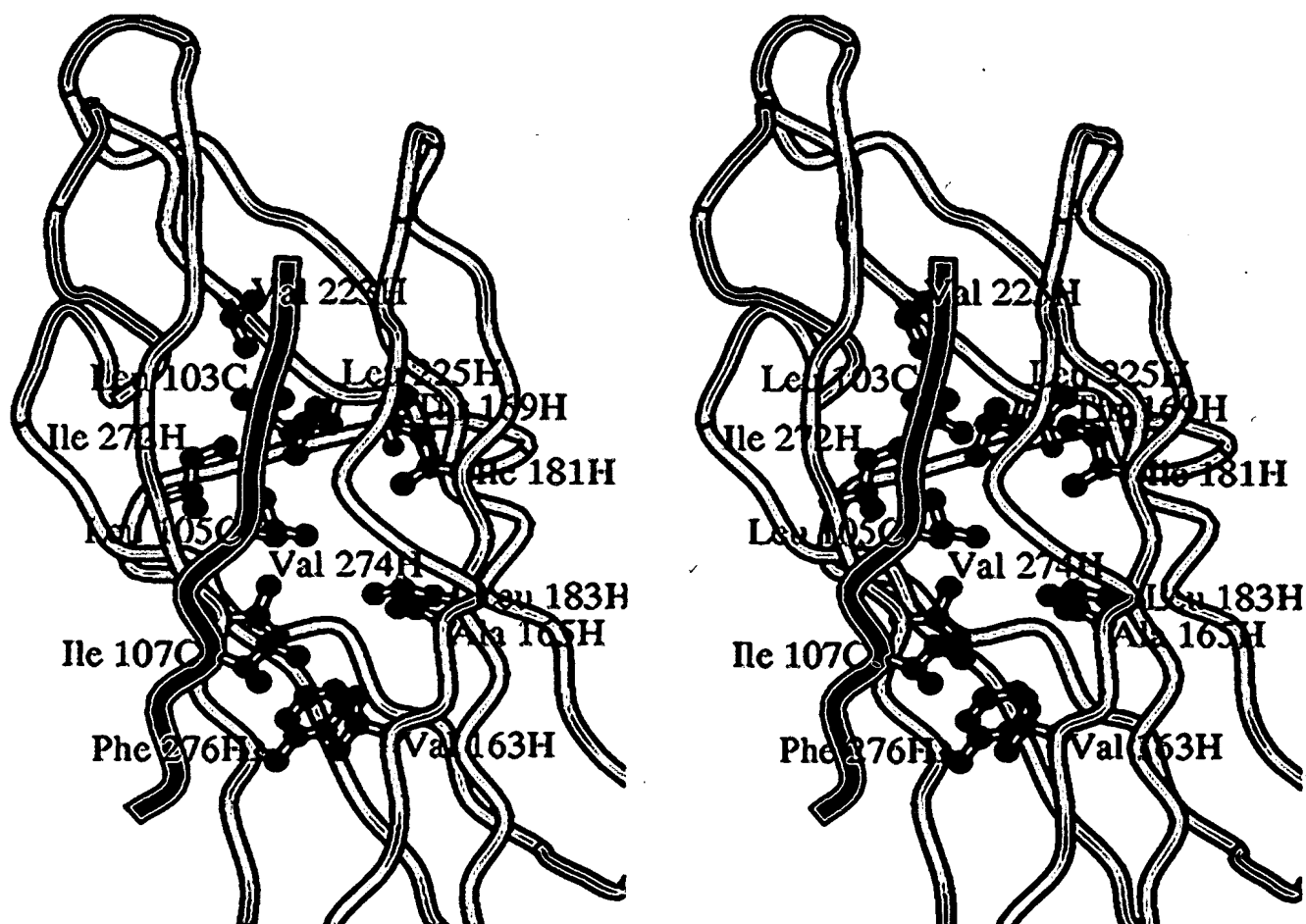


FIG. 11A



09637216-081100

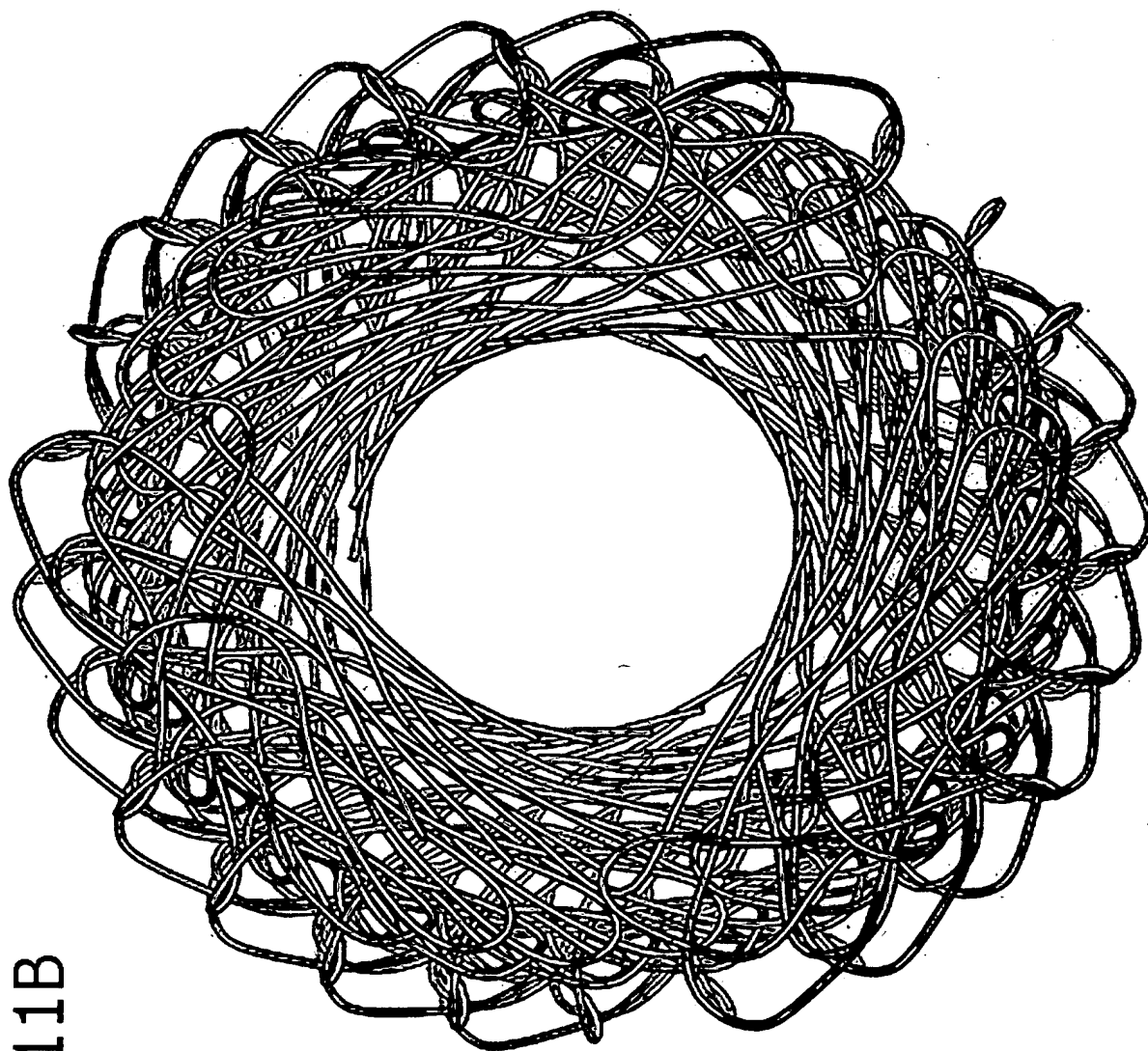


FIG. 11B

001180" 912/28960

FIG. 11C



09637216.081100
DOT180" 9T2Z960

FIG. 12

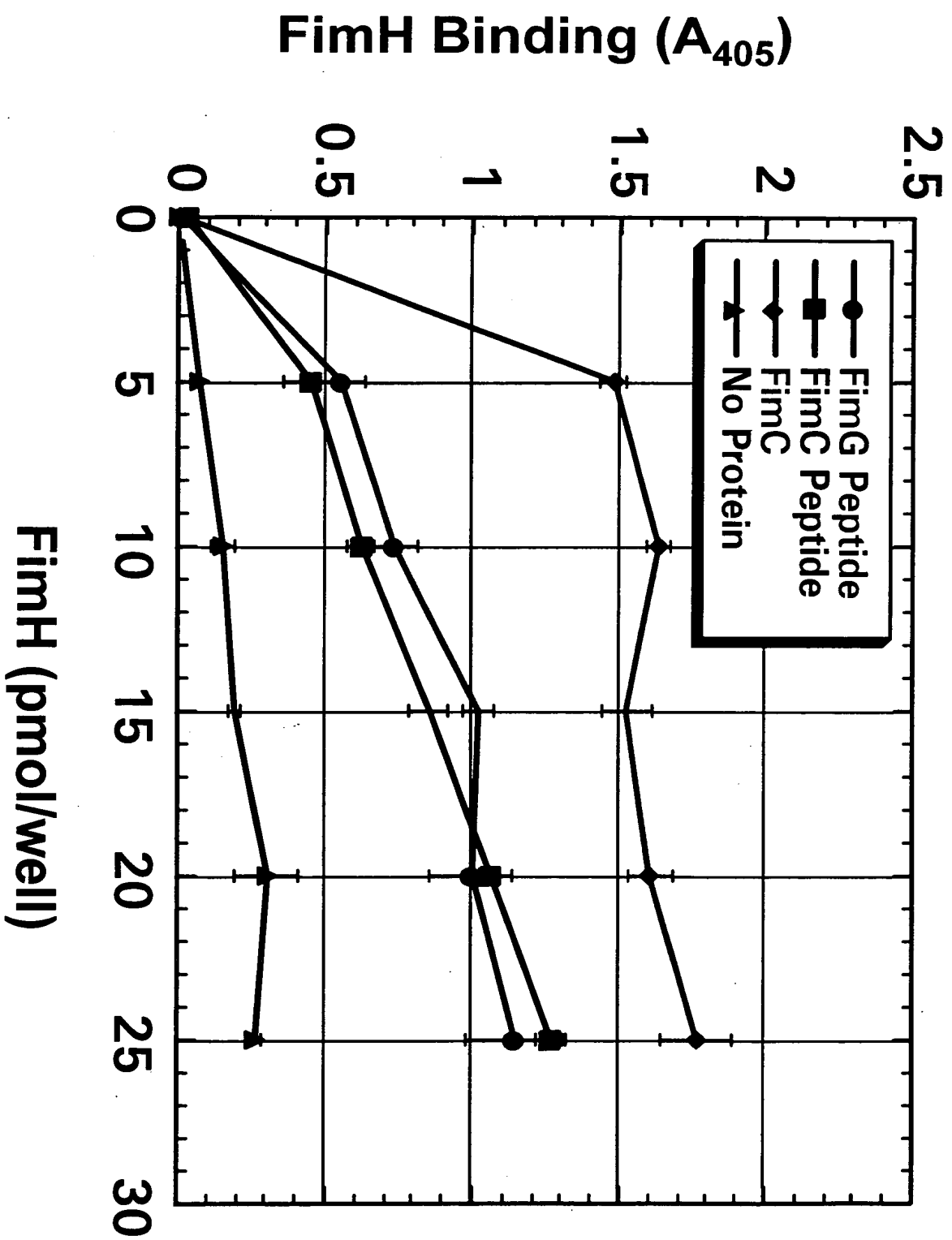


FIG. 13

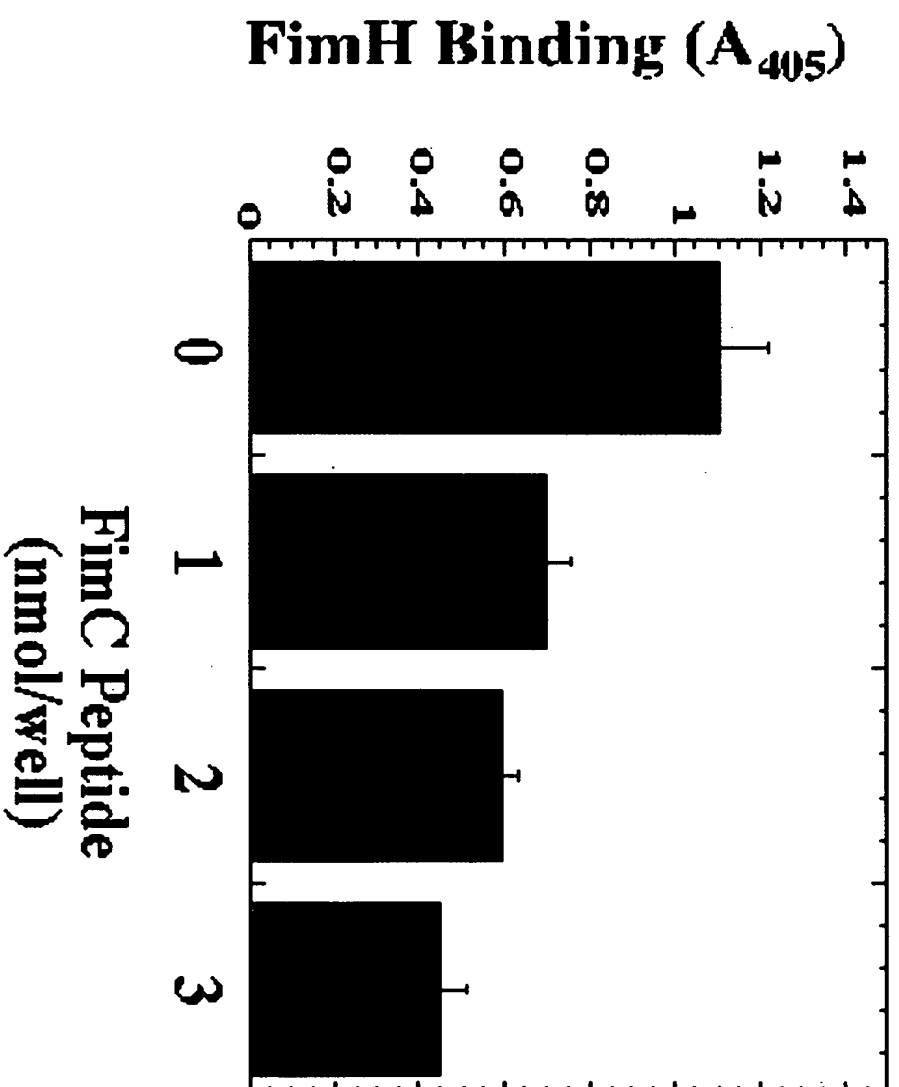


FIG. 14

